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- Burman, Michael, and Siaberg, Samuel E.** Injury of the Xiphoid, Nov., 748
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- Annual Report on the Results of Radiotherapy in Carcinoma of the Uterine Cervix. Seventh Volume. Statements of Results Obtained in 1949 and Previous Years (collected in 1951), Nov., 748
- Annual Review of Nuclear Science. Vol. 1, July, 116
- Asplund, Jan.** Uterine Cervix and Isthmus Under Normal and Pathological Conditions. A Clinical and Roentgenological Study. Acta radiol., Suppl. 91, Aug., 257
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- Bugnion, Jean-Pierre.** Lésions Nouvelles du Poignet. Pseudokystes Necrobiotiques, Kystes par Herniations Capsulaires, Arthrite Chronique Dégénérative par Ostéochondrose Marginale. Acta radiol., Suppl. 90, Aug., 257
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- Lindell, Arne.** Carcinoma of the Uterine Cervix: Incidence and Influence of Age. A Statistical Study. Acta radiol., Suppl. 92, Aug., 257

- Medical Annual. A Year Book of Treatment and Practitioners Index. Tidy, Henry, and Short, A. Rendie, editors, Nov., 748

- Mittmeier, Richard.** Die Krankheiten der Nasennebenhöhlen der Ohren und des Halses im Röntgenbild, Sept., 426

- Nickson, James J., editor.** Symposium on Radiobiology. The Basic Aspects of Radiation Effects on Living Systems, Aug., 257

- Odeblad, Erik.** Contributions to the Theory and Technique of Quantitative Autoradiography with P^{32} with Special Reference to the Granulosa Tissue of the Graafian Follicles in the Rabbit. Acta radiol., Suppl. 93, Aug., 258

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- Schulte, G., and Kuhlmann, F.** Grundlagen der Röntgendiagnostik und Röntgentherapie, Dec., 897

- Selected Papers from the Royal Cancer Hospital and the Chester Beatty Research Institute 1948-1949, Aug., 257

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- Teschendorf, Werner.** Lehrbuch der röntgenologischen Differentialdiagnostik, Dec., 896

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